

# PEMED - Production Engineering Medical Equipment Division

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## Blood bank and collection

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**Please note: Blood bank refrigerators, freezers and ultra low freezers are shown under the "laboratory equipment/refrigerators" section.**

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### Phlebotomy chair - \$275



List: \$650. MedCon: VG. Phlebotomy chair, unknown manufacturer.

Features:

- chair integrated with metal frame supporting drawer and arm rests
- chair seat is 17.5 inches wide with vinyl upholstery
- left and right padded arm rest supports, 16 x 7 inches, adjustable height
- 10.5 x 14.5 x 3 inch drawer for supplies

Overall dimensions of the unit:

- width: 42 in.
- depth: 17.5
- height: 37

Shipping weight is about 70 pounds.

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### Blood products bag sealer - \$675



List: \$2,200. MedCon: VG. Cobe BCT Seal Safe System, part no. 957000-000. Has activating grip for dielectric sealer and 4-pin connector to Cobe Spectra Aphaeresis System.

Overall dimensions of the unit:

- width: 7.5 in.

- depth: 10
- height: 2

Shipping weight is about 4 pounds.

## High speed centrifuge - \$4,975



List: \$23,400. MedCon: VG.

Sorvall RC-5B superspeed refrigerated centrifuge. 208 V, 60 Hz., 1 phase.

Features:

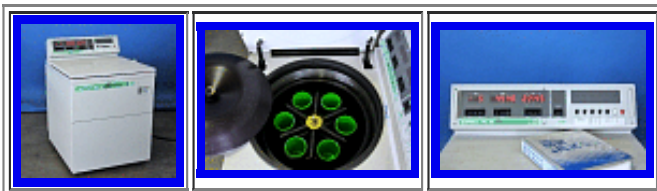
- 16 inch diameter chamber
- SS-34 fixed angle rotor
- max speed of 21,000 rpm (51,070 rcf), depending on rotor
- -20 to +40°C operating range
- speed and time setting dials, time to 120 minutes plus hold
- analog temperature and speed gauges
- automatic preprogrammed braking and acceleration
- may be used with other rotors such as GSA, GS-3 and HS-4

Overall dimensions of the unit:

- width: 30 in.
- depth: 36.25
- height: 46.5

Shipping weight is about 700 pounds.

## Large capacity refrigerated centrifuge - \$6,975



List: \$33,400. MedCon: VG. Sorvall RC 3C Plus refrigerated centrifuge. 208 V, 60 Hz., 1 phase.

Features:

- centrifuge rolls on casters and locks to floor with screw-out stabilizers
- 23-inch diameter chamber
- H6000A/HBB6 shielded swinging bucket rotor, rated at 5,000 rpm (7280 rcf)
- six buckets 98 mm ID with 92 mm inserts, 1 L capacity per bucket

- centrifuge has a maximum operating speed of 6,000 rpm with fixed angle rotors such as the SS-34
- dial-in temperature, speed and time settings and digital display of actual
- hold time mode
- rotor code prevents improper usage
- -20 to +40°C operating range
- fan-cooled motor
- door interlock
- ARC, automatic rate control (for gradual acceleration)
- rpm/rcf display toggle
- program key allows access to ten stored memory functions
- tachometer port
- 3-wire power cord to fit Hubbell receptacle
- diagnostics indicator lights panel
- Service Manual included

Overall dimensions of the unit:

- width: 30.25 in.
- depth: 40
- height: 45.5

Shipping weight is about 700 pounds.

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## Dielectric sealer - \$750



List: \$2,300. MedCon: VG. Fenwal Hematron model H-1 dielectric TUBE sealer. 115 V, 50/60 Hz.

Features:

- power on/off toggle (back of unit)
- thermostat adjusts (back of unit)
- carrying handle

Overall dimensions of the unit:

- width: 12.5 in.
- depth: 11
- height: 10.25

Shipping weight is about 25 pounds.

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## Platelet concentrating system - \$2,750



List: \$16,700. MedCon: VG. Harvest SmartPReP platelet concentrating system. 115 V, 50/60 Hz.

Features:



- centrifugation system to concentrate autologous platelets for injection to potentiate healing at wound sites
- increased platelet yields with less activation as compared to a general purpose centrifuge
- centrifuge and cart with top supplies tray and four locking casters
- to be used with SmartPRep procedure pack (syringes, cups, anticoagulant, cannula etc.)

Overall dimensions of the unit:

- width: 15 in.
- depth: 18
- height: 39

Shipping weight is about 110 pounds. Also available without stand:



## Autologous transfusion unit - \$3,275



List: \$18,200. MedCon: VG. Cobe Brat I Autologous transfusion unit. 120V, 60 Hz.

Features:

- Baylor system
- rolling unit with locking casters, rear transport handle, reservoir holder, and IV pole with four bag hooks
- peristaltic pump
- lighted rotor chamber
- LCD message display window with touchpad response buttons
- power on/off Rocker switch
- 10 foot heavy-duty power cord with hospital grade plug
- cord wrap
- vinyl storage cover

Overall dimensions of the unit:

- width: 18 in.
- depth: 31.5
- height: 57

Shipping weight is about 250 pounds.

## Autologous blood recovery system - \$3,750 each



List: \$45,900. MedCon: VG. Cobe Brat 2 Autologous blood salvage system. 115 V, 60 Hz.

Features:

- top loading peristaltic pump
- color-coded cycle dial on left side
- dedicated processing keys for quick starts
- lighted centrifuge compartment with flat clear view lid
- uses the Baylor bowl
- rear transport handle, rolls on 4 casters
- power on/off rocker switch
- 11.5 foot power cord with hospital grade plug
- unit pictured has 6645 hr; second unit has a use age of 5578 hr



Overall dimensions of the unit:

- width: 20 in.
- depth: 23
- height: 48.5 (56 to iv pole)

Shipping weight is about 200 pounds. 2 units in stock.

## Blood reprocessing autotransfusion unit - \$2,750 each



List: \$55,600. MedCon: VG. Dideco Compact-A autotransfusion cell saver, model 75170. 110 V, 60 Hz.

Unit salvages red blood cells, for example during surgery, or for blood donation.

Features:

- touchpad controls for program access, setting volumes, etc.
- LED display indicates active cycle, flow, volume and centrifugal speed
- lighted centrifuge compartment
- container holder and 3 hangers
- large (12 inch) rear wheels for easy transport
- transport handle
- front locking casters

- 12.5 foot power cord with hospital grade plug, cord guard and cord wrap
- pushbutton mains on back of unit
- alarm

Overall dimensions of the unit:

- width: 18 in.
- depth: 22
- height: 43 (65 to top of pole)

Shipping weight is about 150 pounds each. 2 units in stock.

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## Blood re processor / auto transfusion, automatic - \$3,250 each

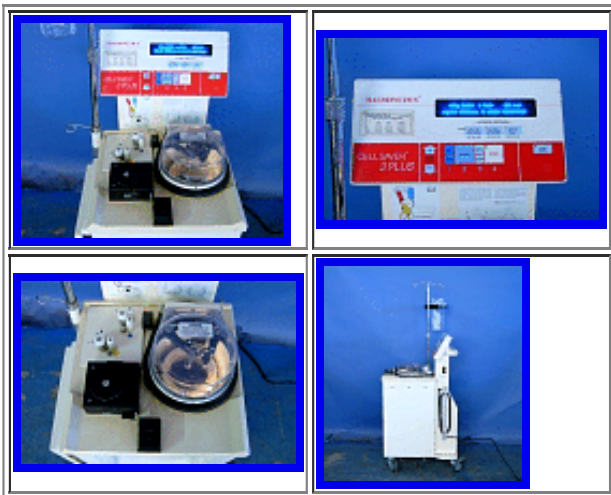


List: \$32,750. MedCon EX. Haemonetics cell saver 3 plus. This unit reprocesses blood from a blood donor, patient, or other source and separates it into blood cells and plasma. Unit also removes clotting agent from plasma. In this manner blood may be prepared for long-term storage, or maybe re-infused back into a patient during surgery reducing the need for blood from donors. Also called an auto-transfusion machine.

Uses disposable centrifuges for continuous separation.

Features:

- flip down side tray
- built-in IV pole
- locking castors
- transport handles
- cord wrap
- attached setup guide
- wired for 100-120 VAC, 50/60 Hz, so may be adapted for international use
- a fully automatic machine



This unit has the same features as found on the cell saver plus, but also has a function for "automatic protocols" on the front panel. It is a fully automatic machine.

Shipping weight is about 250 pounds. 2 units in stock

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## Blood re processor / auto transfusion, manual - \$1,750



List: \$17,750. MedCon EX. Haemonetics cell saver plus. This unit reprocesses blood from a blood donor, patient, or other source and separates it into blood cells and plasma. Unit also removes clotting agent from plasma. In this manner blood may be prepared for long-term storage, or maybe re-infused back into a patient during surgery reducing the need for blood from donors. Also called an auto-transfusion machine.

Uses disposable centrifuges for continuous separation.

### Features:

- flip down side tray
- built-in IV pole
- locking castors
- transport handles
- cord wrap
- attached setup guide
- wired for 100-120 VAC, 50/60 Hz, so may be adapted for international use



### Dimensions:

- width: 18.5 inches
- depth: 23 inches
- height: 44 inches

This is a manually operated machine.

Shipping weight is about 250 pounds.

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## Blood re processor / auto transfusion, manual or automatic - \$2,750 each





List: \$32,750. MedCon EX. Haemonetics cell saver 4. This unit reprocesses blood from a blood donor, patient, or other source and separates it into blood cells and plasma. Unit also removes clotting agent from plasma. In this manner blood may be prepared for long-term storage, or maybe re-infused back into a patient during surgery reducing the need for blood from donors. Also called an auto-transfusion machine.

Uses disposable centrifuges for continuous separation.

#### Features:

- IV pole
- cord wrap
- transport handle
- locking castors
- digital display and controls
- wired for 100-120 V AC, 50/60 Hz, so may be adapted for international use anywhere in the world
- may be run in either manual or automatic mode

#### Dimensions:

- width: 17 inches
- depth: 29 inches
- height: 53 inches



Shipping weight is about 250 pounds. 2 units in stock.

## Blood reprocessor - \$3,750



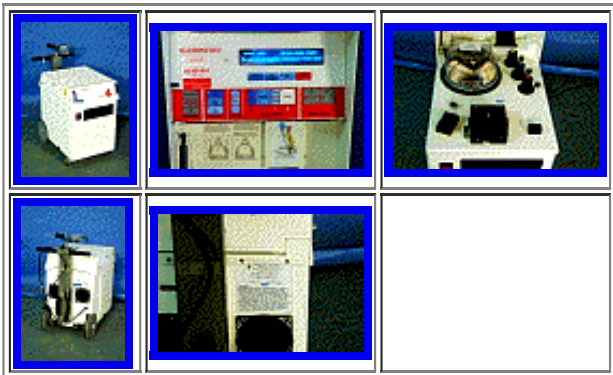
List: \$14,700. MedCon: EX. Haemonetics blood recovery and reprocessing system. Used to recycle blood from surgical procedures, for use back to patient.

Salvages blood shed before, during, or after surgery. Recovers patient's own blood so that it may be re infused to him or her. This reduces or eliminates the need for banked blood. Salvages shed blood suctioned from a surgical wound in the OR, and from drainage tubes during recovery. Uses disposable, single-use plastic tubing set and a spinning centrifuge bowl (chamber), where red cells are separated from other components and washed.



**Features:**

- built in automatic protocols for different surgical procedures (for example, as shown in photo, orthopedic)
- help button
- start automatic process, pause, final cycle and stop buttons
- built-in programming menu
- tubing wash select (no, half or full wash)
- increase, decrease or stop pump speed
- manual processing
- special functions
- unit is on wheels, collapses to approximately 24 x 24 x 30" high tube for storage when not in use



Shipping weight is about 200 lbs.

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## **Blood bank plasma defroster - \$1,750**



List: \$7,280. MedCon: EX. Blood banking and plasma bags defroster. unit is used to safely thaw frozen blood after removal from ultralow freezer and before infusion into patient.

**Features:**

- automatic operation
- rockers hold up to three bags at once
- built-in temperature sensors, detects frozen bags
- unit stops when bags are defrosted, so blood is never overheated

With owners manual, as shown.



Shipping weight is about 125 pounds

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## Cell washing system - \$1,475 each

List: \$8,700 each. MedCon: EX. Haemonetics model 115 cell washing system. New in 1991, appear to have little use. Ruggedized for temperature range of -40 degrees Centigrade to + 75 degrees Centigrade, and may be stored in those conditions, as long as fluids are drained.



This unit is a continuous gravity flow blood cell washing system. It is for washing previously frozen red blood cells. This process is sometimes called deglycerolization, usually by a sequential dilution protocol. After thawing, the red cells are first diluted with 12% sodium chloride then twice with 0.9% sodium chloride- 0.2 % glucose, using the mixing platform for adequate mixing.

### Features:

- wired for 115/ 230 VAC, 50/60 Hz, so may be used anywhere in the world under most any conditions.
- occupies a minimum of floor space, 2 1/2 sq. ft.
- designed for heavy clinical service, not sensitive to climate extremes
- centrifuge on/off button
- centrifuge spins at about 5800 rpm
- built-in mixing tray, which supports unit of blood to be washed
- mixer control buttons, oscillates at about 180 cycles per minute
- minute timer 0 - 30 minutes
- built in IV pole
- uses disposable centrifuge and tubing, not included with system
- with both operator and service manuals.

The manufacturers's web site may be seen at: <http://www.haemonetics.com>

Several products come from plasma collection and processing, including albumin and plasma protein fractions (used as volume expanders for burn and shock victims), gamma globulins (used for prevention of as tetanus, rabies, measles and other diseases), blood grouping sera, test kit controls, and quality control reagents.

Shipping weight is about 100 pounds for the units, and 50 pounds for the stands. 4 units in stock

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## Blood reprocessing unit - \$3,250 each

List: \$27,300. MedCon EX. Haemonetics cell saver 3 plus. This unit reprocesses blood from a blood

donor, patient, or other source and separates it into blood cells and plasma. Unit also removes clotting agent from plasma. In this manner blood may be prepared for long-term storage, or maybe re-infused back into a patient during surgery reducing the need for blood from donors. Also called an auto-transfusion machine.



Uses disposable centrifuges for continuous separation.

Shipping weight is about 150 pounds. 2 units in stock

Also have 1 cell saver 3 \$2,750. Also have a cell saver 4, \$3,750.

## Blood recovery / reprocessing system - \$1,275



List: \$11,200. MedCon: VG. Haemonetics model 30S blood recovery system. Salvages blood shed before, during, or after surgery. Recovers patient's own blood so that it may be reinfused to him or her. This reduces or eliminates the need for banked blood. Salvages shed blood suctioned from a surgical wound in the OR, and from drainage tubes during recovery. Uses disposable, single-use plastic tubing set and a spinning centrifuge bowl (chamber), where red cells are separated from other components and washed.

The manufacturers's web site may be seen at: <http://www.haemonetics.com>



Shipping weight is about 225 pounds.

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